

Form PTO-1449	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. D/A3401	APPLICATION NO.
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Yiliang Wu et al.	
		FILING DATE	GROUP ART UNIT

U.S. PATENT DOCUMENTS


EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE	CLASS	SUB CLASS
BT	5,262,357	11/16/93	Alivisatos et al.	437	233
I	6,458,327 B1	10/1/02	Vossmeier	422	68.1
I	6,586,787 B1	7/1/03	Shih et al.	257	288
BT	6,103,868	8/15/00	Heath et al.	528	482

FOREIGN PATENT DOCUMENTS

	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	TRANSLATION Y/N
BT	PCT	WO 01/53007 A1	7/26/01	Mid-West Research Institute	

OTHER DOCUMENTS (Including Author (in CAPS), Title, Publication Date, Pages, etc.)

BT	Douglas L. Schulz et al., "CdTe Thin Films from Nanoparticle Precursors by Spray Deposition," Vol. 9, No. 4, <i>Chem. Mater.</i> , pp. 889-900 (1997).		
I	M. Brust et al., "Synthesis and Reactions of Functionalised Gold Nanoparticles," <i>J. Chem. Soc., Chem. Commun.</i> , pp. 1655-1656 (1995).		
I	Toshiharu Teranishi et al., "Heat-Induced Size Evolution of Gold Nanoparticles in the Solid State," Vol. 13, No. 22, <i>Adv. Mater.</i> , pp. 1699-1701 (2001).		
BT	Francis P. Zamborini et al., "Electron Hopping Conductivity and Vapor Sensing Properties of Flexible Network Polymer Films of Metal Nanoparticles," Vol. 124, No. 30, <i>J. Am. Chem. Soc.</i> , pp. 8958-8964 (2002).		
EXAMINER	B. Talbot	DATE CONSIDERED	4/5/05
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			

Form PTO-1449	US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. A3401-US-NP	APPLICATION NO. 10/733,136
 INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Yiliang Wu et al.	
		FILING DATE 12/11/2003	GROUP ART UNIT 2814

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE	CLASS	SUB CLASS
BT	6,688,494	2/10/04	Pozarnsky et a	222	4
I	6,572,673	6/3/03	Lee et al.	75	362
I	6,103,868	8/15/00	Heath et al.	528	482
BT	5,147,841	9/15/92	Wilcoxon	502	173

FOREIGN PATENT DOCUMENTS

	COUNTRY	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	TRANSLATION Y/N

OTHER DOCUMENTS (Including Author (in CAPS), Title, Publication Date, Pages, etc.)

BT	Yuning Li et al., filed October 5, 2004, US Application Serial No. 10/958,937, titled "STABILIZED SILVER NANOPARTICLES AND THEIR USE" (Attorney Docket No. 20040823-US-NP).
I	D. Huang et al., "Plastic-Compatible Low Resistance Printable Gold Nanoparticle Conductors for Flexible Electronics", <i>Journal of The Electrochemical Society</i> , Vol. 150, No. 7, pp. G412-G417 (2003).
BT	C. A. Bulthaupt et al., "All-additive fabrication of inorganic logic elements by liquid embossing", <i>Applied Physics Letters</i> , Vol. 79, No. 10, pp. 1525-1527 (September 3, 2001).
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OTHER DOCUMENTS (Including Author (in CAPS), Title, Publication Date, Pages, etc.)						
BT	G. Blanchet and J. Rodgers, "Printed Techniques for Plastic Electronics", <i>Journal of Imaging Science and Technology</i> , Vol. 47, No. 4, pp. 296-303 (July/August 2003).					
/	P. Buffat and J-P. Borel, "Size effect on the melting temperature of gold particles", <i>Physical Review A</i> , Vol., 13, No. 6, pp. 2287 - 2298 (June 1976).					
/	C. Hayashi, "Ultrafine Particles", <i>J. Vacuum Sci. Technol. A</i> , Vol. 5, No. 4, pp. 1375 -1384 (Jul/Aug 1987).					
/	S. B. Fuller, E. J. Wilhelm, and J. M. Jacobson, "Ink-Jet Printed Nanoparticle Microelectromechanical Systems", <i>Journal of Microelectromechanical Systems</i> , Vol. 11, No. 1, pp. 54-60 (February 2002).					
/	X. Z. Lin, X. Teng, and H. Yang, "Direct Synthesis of Narrowly Dispersed Silver Nanoparticles Using a Single-Source Precursor", <i>Langmuir</i> , Vol. 19, pp. 10081 - 10085 (published on web November 1, 2003).					
BT	H. Hiramatsu and F. E. Osterloh, "A Simple Large-Scale Synthesis of Nearly Monodisperse Gold and Silver Nanoparticles with Adjustable Sizes and with Exchangeable Surfactants", <i>Chem. Mater.</i> , Vol. 16, No. 13, pp. 2509 - 2511 (June 29, 2004; published on web May 28, 2004).					
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